

REGISTRATION
MATERIAL
DUE FRIDAY



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Volume LIV. No. 55

CAMBRIDGE, MASS., TUESDAY, JANUARY 8, 1935

Price Three Cents

SENIORS HOLDING ANNUAL FORMAL FRIDAY EVENING

Ed Murphy Furnishes Music At
Last Formal Before
Senior Week

SENIORS WILL OBTAIN FREE TICKETS IN LOBBY

President, Vice-President, And
Wives Are Among Guests
Of Honor

Traditional mid-winter dance of the senior class of the Institute will take place at Walker Memorial on next Friday evening, January 11, with Ed Murphy's Orchestra furnishing the music for the festivities, and a blues singer as added attraction.

This occasion, which will usher in the mid-term examination period, marks the last formal party of the graduating class before the activities of Senior Week in the spring.

Seniors Get Free Tickets

Seniors may obtain tickets in the Main Lobby on Tuesday, Wednesday, and Thursday of this week from 12 to 2 o'clock. There will be no admission fee, since funds are appropriated from the class treasury, but a strict check will be made at the door to exclude all but seniors.

The guests of honor will include President and Mrs. Karl T. Compton, Vice-President and Mrs. Vannevar Bush, Treasurer and Mrs. Horace S. Ford, Professor and Mrs. L. F. Hamilton, Professor and Mrs. James R. Jack, Dean H. E. Lobdell, and Mr. and Mrs. John M. Nalle. A group of prominent members of the class of 1936, led by Micheal A. Kuryla, junior class president, will serve as ushers.

The committee in charge of the dance includes the following members of the senior class: H. Fiske King, chairman; John B. Ballard; Hal L. Bemis; John R. Burton; Robert J. Granberg; and Louis W. Pfanz. The dance, the committee wishes to make clear, is open only to 4th year students so that 5th year, Course IV men will not be allowed entrance.

NATATORS VICTORS IN MEET WITH B. U.

Dodge Takes 220-Yard Event;
Final Score 45-32

Aided by the return of Dodge to the lineup, the varsity Swimming Team defeated the natators representing B. U. on Saturday at the Boston Y. M. C. A. by the score of 45 to 32 to register their first win of the season. Dodge, who had been unable to compete in the first several meets because of a leg injury, led B. U.'s Captain Steele to the finish in the 220-yard free style to gain a first in that event, and he trailed Captain Granberg of Tech to the finish in the 50-yard free style to net a second for himself in that contest.

Going into the final event, the relay, the score stood 37 to 32 in favor of the Beavers. The loss of the event would have given the meet to B. U. by one point, but Dodge swimming anchor man added to the lead given him by his team-mates and finished a tank length ahead of his opponent.

Heywood greatly outclassed his opponents in the diving event to easily gain a first for Tech in this contest.

The summary of the meet follows:
300-yard medley relay—Won by B. U. (Dick Steele, back stroke; Mortimer Silverman, breast stroke, and Norman Sipple, free style); second, Tech (William Hope, Peter White and James Peterson). Time—3m. 22.2-5s.
220-yards free style—Won by Cleon Dodge (T); second, Dick Steele (BU); third, Kenneth Finlayson (T). Time—2m. 33.3-5s.
Dive—Won by Henry Heywood (T). 95.08 points; second, Seymour Maskell (BU), 59.86 points; third, Wilbur Storer (BU), 53.35 points.

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Swimming

RIDGWAY ADDRESSES SIGMA XI MEETING

Will Discuss "Transportation
Problems In Modern
Cities"

Robert Ridgway, the distinguished consulting engineer and former chief of the Board of Transportation of New York City, will address the Technology chapter of the Society of the Sigma Xi at its first meeting of the year at the Institute next Friday afternoon.

Mr. Ridgway, who is a past president of the American Society of Civil Engineers and former department engineer for the Catskill water supply project, will discuss "Transportation Problems in Modern Cities," in Room 5-330 at 5 o'clock. Preceding his address, a business meeting and initiation of new members will take place in Room 3-270.

Dinner To Be Given

An informal dinner for members of the chapter will be held at the Commander Hotel in Cambridge at 7:30 in the evening, at which Col. Robert C. Eddy of the Institute's division of industrial co-operation will be chief speaker. Professor Dugald C. Jackson, president of the chapter, will preside at the meetings, arrangements for which have been made by a committee under chairmanship of Professor Philip M. Morse.

The Institute chapter of Sigma Xi was installed last year at which time President Karl T. Compton, Dean Vannevar Bush, Dean Harry M. Goodwin, and Dean Samuel C. Prescott were initiated as charter members.

DORM DINNER DANCE POLL TO DETERMINE FAVORITE ORCHESTRA

Fifth Annual Event Comes On
February 8 In Walker
Memorial

Dormitory Dinner Dance Committee will conduct a poll of the dormitories the middle of this week to determine what dance orchestra is most popular. An effort will then be made to secure this orchestra for the fifth annual Dormitory Dinner Dance to be held on February 8 in Walker Memorial from 7 to 3 o'clock.

Those under consideration by the committee include Willard Alexander of Levaggi's, Andy Jacobson of the Clerco Radio program, Ruby Newman from the Ritz Carlton, and Ted Black from New York.

Dance to Follow Dinner

The dinner will begin at seven o'clock, and will be followed by a reception for the guests. Dancing will begin at ten o'clock, and continue until three.

Sign-ups may be made in the Dormitory Committee Room the week before

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Dorm Dinner Dance

Professor Jean Piccard, Stratosphere Explorer, Interviewed by THE TECH

States That He Would Again
Take Trip to Stratosphere,
Had He Financial Backing;
Visits Professor Vallarta

"If someone would make me instruments and offer financial backing, I'd go up again," declared Professor Jean Piccard famed explorer of the stratosphere in an interview granted exclusively to THE TECH.

Piccard who has been visiting his children stopped to call on Professor Manuel S. Vallarta of the Physics Department. Although he spent the greater part of the day inspecting the Institute, he is no stranger here, having seen most of it in several previous

Walter H. Stockmayer, '35 Chosen Rhodes Scholar At Committee Meeting Yesterday

5TH FROM INSTITUTE

Thirty-Two Scholarships Given
Annually In United States
By English University

FOUR SELECTED FROM NEW ENGLAND DISTRICT

Selection Based On Scholarship,
Character, Leadership,
Physical Vigour

For the third consecutive year, and the fifth time in the history of the Institute, a Technology man has been selected for a Rhodes Scholarship. The latest to receive this award is Walter H. Stockmayer, '35. Leonard W. Conkhite, '05, Morris L. Shaffer, '30, Ivan A. Getting, '33, and Clarence R. Moore, are the four who have been singularly honored in the past.

Thirty-two scholarships are given in the United States each year by the Oxford University of England. Four are selected from each of the eight districts of six states each. These four are chosen by the District Committees after two have been nominated by the State Committees in each state. President Karl T. Compton is chairman of the Massachusetts State Committee, and Professor Robert J. Van de Graaff is a member of the New England District Committee.

Eligibility Requirements

Male citizens of the United States, unmarried, with at least five years' domicile, between the ages of 19 and 25 are eligible for the award, provided they have completed their sophomore year at some recognized degree-granting university or college.

Selection is based upon "Literary and scholastic ability and attainments; qualities of manhood, truth, courage, devotion to duty, sympathy, kindness, unselfishness, and fellowship; exhibition of moral force of character and of instincts to lead and to take an interest in his schoolmates; and physical vigour, as shown by interest in outdoor sports or in other ways."

Elective Courses

At Oxford, selected scholars may pursue any course of study of their choosing. Ordinarily awards are made for two years, but a third year may be given to students who have "made an outstanding record during their first two years and who present an approved programme of worth while study for the third year."

(Continued on Page 4)

Scholarships

Wins Scholarship



Walter H. Stockmayer, '35

QUADRANGLE CLUB PLANNING OUTING

Leaving Monday, January 28
For New Hampshire; To
Return February 3

Complete plans for the Quadrangle Club's Mid-Winter Outing at Intervale, New Hampshire, will be made at the meeting in the West Lounge of Walker at 5 o'clock Wednesday, January 9. Everyone interested is invited to attend the gathering.

The group is planning on leaving here Monday, January 28, arriving in time for supper, and returning Sunday, February 3, after lunch. The question of transportation will be decided at the meeting tomorrow.

At present, definite arrangements have not been made in regard to selecting a place to stay, although Maple Villa Inn has been tentatively chosen. If this choice is confirmed at the meeting Wednesday, the Inn will furnish all meals, with a total charge of \$21.00 for room and board for the six days. The entire Inn will be at the disposal of the party, if there are enough who desire to attend the outing.

Facilities at Intervale are admirably adapted to the outing. In the immediate vicinity there is a toboggan slide, a private skating rink and an outdoor campfire site. In addition, there are many snowshoe trails leading to points of interest, and one of the finest down-mountain ski trails in the White Mountains. This trail, built by Charlie Proctor and Bob Reid of the Olympic Ski Team, is on the northwest slope of Bartlett Mountain and extends for two and a half miles. It is suitable for either novices or experts.

There are many other trails within striking distance and Mount Washington

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Quadrangle

REGISTRATION MATERIAL DUE FRIDAY AT 1 P. M.

Registration material for next term's courses of study must be returned before 1 p.m., Friday, January 11 to avoid the \$5.00 fine. The material should be delivered directly to Room 3-106. Registration for the second term will take place on Feb. 4. A copy of the general bulletin should be obtained before the start of the second term.

COURSE FIVE MAN

To Receive \$2000 Yearly For
Two Years To Study
At Oxford

PLANS CONTINUING STUDY OF PHYSICAL CHEMISTRY

Has High Rating; Chairman Of
Institute Committee;
Class President

Walter H. Stockmayer, '35, has been chosen as one of the four Rhodes scholars from New England, it was announced after a meeting of the First District Selection Committee held yesterday at the Harvard Club, Harvard. The award carries a stipend of approximately \$2000 a year for two years' study at Oxford University, England.

Stockmayer, who is a student in Course V, expressed delight at the selection and at the same time a feeling of remorse for the eight men who were unsuccessful. "They were all exceptionally fine fellows," he declared.

Majoring in Physical Chemistry

At Oxford, Stockmayer plans to continue his work in physical chemistry, which he is working. He also hopes to take courses in the study, appreciation, and composition of music, which has long been his hobby.

When interviewed last evening by THE TECH reporter Technology's fifth Rhodes Scholar declared that he was delighted at the prospect of studying under world-famous professors in his line at Oxford, and at the same time most anxious to absorb much of the cultural value for which Oxford is famous.

Holds Many Honors

Stockmayer's career at Technology has been one of exceptional note. With a cumulative rating of 4.60, he is president of the Senior Class, chairman of the Institute Committee, and

(Continued on Page 3)

Stockmayer

DR. COMPTON ELECTED HEAD OF ORGANIZATION

Society For The Advancement
Of Science Choses President

Dr. Karl T. Compton, Institute president and chairman of President Roosevelt's science advisory board was elected president of the American Association for the Advancement of Science on Saturday, December 29.

Dr. Compton is a noted research worker in physics and chairman of the Institute of Physics. He is a brother of Dr. Arthur H. Compton, Nobel prize winner in physics of the University of Chicago.

Dr. Compton will take office at the meeting of the association a year from now, succeeding Prof. Edward L. Thorndike of Columbia University.

Possesses Many Degrees

Born in Ohio in 1887, Dr. Compton was educated in Wooster College, of which his father was dean. Dr. Compton's degrees include a Ph.B.; M.S.; Ph.D.; LL.D.; D. Eng.; as well as five honorary degrees of D. Sc.

His teaching experience covers the positions of instructor in Chemistry, instructor in physics, assistant professor, professor, chairman of the department of Physics in various colleges. He became president of the Institute in 1930.



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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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In Charge of this Issue: William B. Penn, '37

PRELUDE TO REVOLUTION

CAUSES OF RADICALISM

IT was fear of revolution that made Donald R. Richberg warn a group of business men recently that the unemployed must be fed and housed if the government is not to be endangered. It is as much fear for their own regime as of other consequences that makes certain of today's dictators, whose legions have been trained to blind obedience, hesitate to send those legions to war. The mind of every ruler and statesman of today continually sees the ever present possibility of a complete breakdown of his state.

A state of today may be regarded as an intangible structure made up of relationships of men and regions, of loyalties and traditions, but similar to a physical structure in that it reacts to forces applied to it by change in some characteristic. Thus, a government functioning normally may be likened to a structure under its designed working load; there are stresses, but within the limit of safety. But just as an unusual or unforeseen situation may arise where the forces become so great that the mechanical structure is either permanently distorted, or stressed to failure, so can a government be drastically changed or even completely destroyed by internal turmoil arising from human discontent.

It is only a literary game, of course, to play with this analogy, but still, it is interesting to observe that, like an engineer's stress-strain diagram, there are cause and effect histories for rebellions.

A long period of discontent and irritating economic restrictions preceded the American Revolution. It was more than an abstract love of liberty and a desire for just representation that made the Massachusetts farmers defend Bunker Hill. The forces that blew out of existence the French monarchy and its appendages had slowly gathered during an extended period of severe economic and social hardship. No soap box orator, or even a Voltaire, can sway the people to violence like the gaunt figures of famine and war. Nor did the "intelligentsia" who built up the Communist party cause the Russian Revolution. They might have in some measures directed the forces that were unleashed, but it was the shutting off of food from St. Petersburg that lighted up the fuse to a bomb made up of the colossal losses on the eastern front added to the seething discontent of the peasants and workers, which alone had failed in 1905.

Thus, the Coughlins, the Hearsts, and the publicity minded politicians who have found that raving against radical elements is a good substitute for waving the outmoded bloody shirt are wasting their time if their only purpose is to safeguard the existing government by freeing this country of all individuals harboring notions of violence towards the status quo. And likewise, the Soviet government would be wasting good Red gold if it were to depend only on the printing presses and oratory for world revolution.

Rebellions are made not with words, but with hunger and oppression. Regimes can feel secure only when the mass of the people are receiving a fair chance for a reasonably secure

existence. There is no more need for a guaranty of happiness than there is for fear of the few malcontents who are always present, but if a state pursues such measures that the people, or any large percentage of them, are driven to abandon hope for a satisfactory life, then neither the Cossack's whip, nor the machine guns of an army will prevent the downfall of that regime.

WANTED: BRAWN AND BRAINS

HARVARD'S NEW COACH

DICK HARLOW, brilliant gridiron coach and also known as an ornithologist (one skilled in ornithology; we looked it up) has been appointed head football mentor at Harvard University, at a reputed salary of \$12,000. If the new coach is to earn his salary it appears that Harvard will have to scrap more than one of its ancient traditions. It is claimed that the abilities of a good football coach shine most brightly off the football field, for unless he has material worthy of his talents, chances for successful teams are slim.

So, to the accompaniment of nail biting by the less stoic of the Crimson professors, Harvard will, in its dignified manner, emphasize football with the best of them, showing that money talks and that if alumni yell loud enough, their will will be done.

SCHEDULED SNARE

SATURDAY CLASSES

LAST Friday a booklet was issued by the Institute which seemed to hold more interest for the students than most of the official publications which appear from time to time. It was the pamphlet entitled "Class Schedules: Second Term", which was given to each student with his registration material for next semester. Its most striking feature is the extent of white space in the last row of each page containing the queer black and white rectangles, indicating a general absence of Saturday classes in the curriculum.

In the schedule for the first year, only one of the nineteen sections has classes on Saturday mornings, while only two courses in the second year, five in the third year, and two in the fourth year are so distinguished from the rest. It is thus apparent that all but a small proportion of the students will have their Saturdays free next term. The popular idea that this situation is utopian is nothing but a snare and a delusion.

Last term when a faculty committee reported favorably on a plan to eliminate Saturday classes after the students had indicated their concordance in a straw vote, the faculty refused to ratify its committee's recommendation that such classes be abolished for a year as an experiment. Despite this action, it appears that this unwise experiment is to be partially tried after all.

The chief complaint that is to be offered against this form of five day week is that the student must concentrate six days' work into five, a rather difficult task with a curriculum whose demands are as exacting as the average one at Technology. The real difficulty, however, is that the bulk of the work must often be crowded into three days. Since most classes are offered three times a week, the only two combinations that will give uniform spacing are the Monday, Wednesday, and Friday, or the Tuesday, Thursday, and Saturday sequences. Abolishing Saturday classes leaves only the first arrangement, and most of the courses offered thrice weekly will be scheduled then. An examination of the tabular view will indicate that in many cases this is precisely what has been done in many instances.

The effect of an unbalanced schedule on the hypothetical ideal student who plans his work carefully would not be a bad one; but considering human frailty, it is easily seen how such a schedule can be a real hindrance to the development of orderly and systematic habits of study. For this reason, if for no other, the planning of next term's schedules, if it indicates a stride toward the eventual adoption of the five-day week, represents an injudicious move on the part of the Institute's administration.

RHODES SCHOLAR

WALTER H. STOCKMAYER

THE appointment of Walter Hugo Stockmayer, '35, as a Rhodes Scholar, the fourth ever to be chosen from Technology, is a choice that would have met with the entire approval of Cecil John Rhodes. It was his aim to further the education of those young men who showed by their record that they had not only intelligence and good health but versatility and at least the foundation of a truly cultured mind.

Mr. Stockmayer, although no outstanding athlete, was a member of both his freshman and Sophomore class football teams, active in Dormitory sports, and sports editor of THE TECH. That he has the good will of his class-

EDITORIAL—Continued

mates is shown by the fact that he was president of his Junior class and is now president of the Senior class. In addition, he is a capable musician. Yet in spite of the time that all these activities have demanded, he has managed to keep an excellent scholastic record.

Judging on his previous history, Mr. Stockmayer will prove no disappointment either to his school or to the committee that appointed him.

We regret to announce the resignation of Perry H. Ware, '35, from the Editorial Board.



We give you—

Variety is the spice of life. To start the new year off with a bit of a change, Lounger offers you a contribution by an aspiring member of the staff, a short story which is definitely different. Written in the style of the popular Damon Runyan we hope you like it. We give you—"Pennsy's Pants".

Pennsy's Pants

Psychologists are clever. So are doctors. But neither of them could explain why mud on his pants sent Professor Pennsy to the bughouse. They talked a lot about overwork and mental strain. They discussed repressions and inhibitions. But they did not say out and out why he kissed a Tech co-ed. They said that was why he was insane and he was insane because of that. They were wrong. It did not happen that way at all.

Professor Pennsy was a modest man. He has also been called bashful. No one ever called him Professor Pennsy, or even Pansy Pennsy. They just naturally called him Bunny. He looked like a rabbit. His nose twinkled like a rabbit's and he blushed when he explained generating elements to his math class. Especially when he had a co-ed in the class. He was afraid of co-eds ever since one asked him what he thought of free love and the whole class laughed.

Professor Pennsy was also a neat and fastidious person. He had two pair of pants for rainy days. He would change to a dry pair in his office if the pair he wore to school were noticeably damp. He always locked the door on the inside first. That is how modest he was.

He was also absent minded. One day he almost walked out of his office without his pants when his watch was slow and he heard the last bell ring. That frightened him terribly. After that he would look down at his pants every so often to make sure he still had them. In class he could not do that because the students would have smelled a rodent. So he got into the habit of pushing his stomach out when he was sitting in back of his desk so that he could feel the pressure of his belt.

Missing Quizzes

The psychologists did not notice that Bunny's last day at school was rainy. That is because they did not think it had anything to do with it. But it was rainy. And Bunny's pants were drenched around the bottom. He also got a lot of mud on them. He went into his office and locked the door. He loosened his belt and took it off as he used the same belt on both pairs of pants. Then he started to change his pants. He remembered that he had forgotten to bring in the corrected quizzes. He was upset and began to look through the office to see if they were there. They were not. Bunny looked at his watch and saw that he was late for class. He hurried out of the door and down the corridor. But his watch was fast. He was the first one in the room. He sat down behind the desk and worried about the quizzes.

Embarrassing

As soon as the class was in Bunny began to explain about the quizzes. He stood up because he felt better standing up. The co-ed nudged the fellow next to her and began to

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THREE OF FACULTY WRITE FOR REVIEW

Science, Philosophy, And Stamp Collecting Discussed In New Issue

Three eminent Faculty members write for the January issue of the *Technology Review*: Dr. Karl T. Compton on "Put Science to Work!", Professor Frederick K. Morris on "Into the Depths of Time", and Dean Harold E. Lobdell on "Philatelic Engineering."

Dr. Compton calls for relief funds to be spent in the field of scientific research. During a depression, he says, the tendency is to cut down on what efforts there are of the government to sponsor research, when as a matter of fact this is the very time that it is needed most.

Research Develops Industries

Scientific research, says President Compton, in time of lessened business activity tends to develop new industries and new methods for old industries, thus aiding in the upswing.

Unlike most men who have offered criticism, however slight, of the administration, Dr. Compton has some concrete suggestions. In fact they are so much more than suggestions that it is beyond our means to suggest what they are here.

Philosophy, science of the universe, and the Darwinian theory all play a part in Professor Morris' "Into the Depths of Time". At some time or other we have all speculated on the origin and the ultimate conclusion of life.

Professor Morris adds much to our early conceptions, including a revision to suit present day attitudes.

Stamps Are Records of Progress Engineering", and with illustrations Engineering", and with illustrations shows how the postage stamp is a record of progress. In our none too stable minds, we have a vague picture of Mr. Lobdell with a stamp catalog in one hand, and a list of flunks in the other.

There is a special department in the *Review* which, although we always read first, we have failed thus far to call to your attention. It is headed "The Trend of Affairs", and includes sparkling notes on most anything. Let

(Continued on Page 3)

Review

SKI-CRAFT

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STATESMEN DEFEAT M. I. T. PUCKSTERS

Engineers To Meet Powerful Boston U. Team Tonight At The Arena

The Tech pucksters dropped their fourth match of the season to Massachusetts State in a game played last Saturday afternoon at Amherst. Although they played their opponents about even, the Engineers were outscored 2-1, and were saved from a 3-1 score by the closing bell.

The Beavers played the first two periods minus their great defense player, Herb Goodwin, who failed to show up until the game was two-thirds gone. Frank Parker scored Tech's only goal on a pass from "Fuzzy" Forsburg near the end of the initial period, putting Tech ahead for the first time in any game this season. Two unassisted scores by Wisty, of Mass. State, one in each of the closing periods were sufficient to wipe out Tech's hopes of victory.

Tonight the team will face the powerful B. U. Terriers at the Arena. The Terriers lost to both Yale and Princeton, but showed considerable strength while losing. As a result, M. I. T. will be the underdog when they skate on to their home ice at 8:15 tonight. Coach Owen has announced no changes in his starting line-up nor in his regular second line.

TECH GRAPPLERS LOSE TO BROWN 19½ TO 10½

Heal, Mardorosan, Oshry Only Tech Victors; Cestoni Gets Draw

The varsity and freshmen wrestling teams both lost their second consecutive meet of the year when they fell before a superior Brown aggregation last Saturday afternoon. Playing host to the Bears from Rhode Island in the Hangar Gym, Ricks' varsity grapplers gave their guests a great reception, but finally lost by one match, the score being 19½ to 10½. The best match of the afternoon was provided by Joe Heal in the 165 lb. class, who met Forrest Pease. It was literally a battle of brawn versus skill, and Jay Ricks' powerful protegee emerged the winner by a time advantage.

In the heavyweight bout, Don Cestoni of Tech got a draw from Gus Olson, Brown's 215 lb. football tackle, both boys doing their grappling from a standing position.

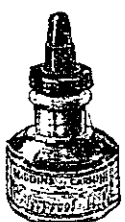
The surprise of the afternoon was provided by co-captain Avedis Mardorosan of Tech against Fred Zooloomian of Brown. The latter came rushing out of his corner at the bell with a roar, and an eye on a quick victory against his slighter opponent, but he proved too skillful for him eventually winning by the time advantage of 5m 10s.

The other Tech victor was co-captain Harold Oshry who moved up a class to grapple in the 145 lb. class. He too put on a fine exhibition of scientific wrestling, winning by a time advantage of 6m 35s. His opponent was W. C. Johnson, another barrel chested proponent of the grunt and groaners.

Wrestling



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SQUASH TEAMS TO PLAY FIVE GAMES THIS WEEK

Varsity To Meet Union Boat Club Tomorrow

Starting the new year off vigorously, the squash team have five games scheduled for this week, one each for the Varsity, the Junior varsity, the freshmen and the faculty graduates teams. The varsity, Class B, team will meet the Union Boat Club tomorrow.

The team is composed of: J. P. Bainbridge, '35, J. S. Mason, '37, F. R. White, '35, C. E. Ceballos and N. E. Ruckman, '35.

The Junior Varsity will play the Milton Club at Milton, Mass. tomorrow also. The following men compose the team: S. Comins, '35, W. L. Timmerman, '36, J. M. Vallone, '37, T. A. Terry, Jr., '36.

Freshmen To Play

One of the freshman teams (the Blues) will play the Neighborhood Club at Quincy on Thursday. The men on the team are: S. G. Stearns, H. R. Oldfield, Jr., D. A. Levick, Jr., and A. L. Bruneau, Jr. The second Freshman team (the Whites) will play the Harvard Freshmen at Harvard on Thursday also. The members of the team are: J. C. White, E. J. Zarack, J. H. Phillippi, J. M. Gilliss, R. Flanagan.

The Faculty Club will play the Harvard Business School faculty tomorrow. The team includes: Prof. W. H. Gale, Prof. L. F. Woodruff, J. C. Sluder, A. Dunning, and Prof. E. L. Bowles.

Tech Squash Coach Defeated

John Summers, Squash Coach, last year's winner of the National Professional Championship, was defeated by Martella of Wilmington. The matches were held at Pittsburgh on January 3, 4, 5, 6.

Boston A. A. will hold tournaments on January 18, 19, 20. The tournament is by invitation and both amateurs and professionals will compete. 10 amateurs and 6 of the best professionals are in the match which will take place at Middlesex Bowl, opposite the Hotel Lenox. Harvard is sending a strong delegation consisting of Sargent, Glidder, Barnaby, and Janssen, while Technology is being represented by John Summers. Other prominent players competing are Harvey and Wakeman of Boston A.A.

RIFLE TEAM KEEPS UNDEFEATED SLATE

Wins Thirteenth Match Against Lowell Textile By 9-4 Point Margin

The rifle team kept its slate clean when it rang up another victory Friday against Lowell Textile Institute by a margin of 94 points. Although the opposing team was of a definitely inferior grade, the team score of 890 shows that the team has not been ill affected by the Christmas vacation layoff. R. A. Denton, '36 was high man with a score of 181 and 200. The match which was fired shoulder to shoulder on the Institute range brings the teams record at present to 13 wins. The team has won 5 shoulder to shoulder matches, five postal matches, and three matches by default.

For the next two weeks, the team will be engaged in the ROTC Corps Area Postal match. On Friday, the team will meet Northeastern at the Technology range.

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THE INSISTENCE ON THE BEST IN MEN'S APPAREL, WHICH IS NOTABLE AMONG COLLEGE MEN AND COLLEGE TAILORS EVERYWHERE, IS REFLECTED IN THE PREFERENCE AT COLLEGES FROM COAST TO COAST FOR KOVER-ZIP, THE INVISIBLE SEAMLINE CLOSURE.

.... At Chicago

Max Brook... famous Chicago tailor to University men, says—"I have repeatedly rejected the ordinary zipper fly fastener because the uncovered metal detracts from, rather than adds to, a well-tailored garment. The new Kover-Zip fly is the complete answer, as evidenced by its popular acclaim among students."

At Northwestern

McFarland's, Inc.... leading Evanston outfitter to Northwestern men, comment—"We are always looking for the latest improvements in men's clothing. Without doubt, Kover-Zip would be so classified. This new covered fastener insures the neat and stylish fit so necessary to the well-dressed college man."

Outstanding college tailors, arbiters of style, endorse Kover-Zip as the only slide fastener fit for fine custom clothes

....

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SPORTS COMMENT

Of interest to those at the Institute who follow tennis is the recent announcement that Gilbert Hunt, former Tech tennis and squash racquets star, has been seeded twenty-third in the national amateur singles rating. Gil also got into the news during the Christmas vacation when he won the national junior singles title and was a member of the team that won the doubles crown. Frankie Parker, the Milwaukee flash who defeated Hunt in the finals of the same tournament last year, and did not choose to defend his honors, has been seeded fourth in the list in which Hunt has been named twenty-third.

Gene Mako, Hunt's conqueror in the intercollegiate finals last summer, has been seeded twelfth in the national ratings, while Jack Tidball, Californian collegian who was the 1933 winner and was defeated by Hunt in the 1934 competition, has been rated as sixteenth best.

Jack Summers, Tech's noted squash racquets and tennis coach, did not fare any too well at Pittsburgh last week in the national professional squash racquets tourney held there. Jack was the defending champion but a younger opponent eliminated him in the quarter-finals on Friday. Jack and his supporters should not feel too badly over the defeat, for he held the national pro title three times previous to his 1934 win.

It seems that Tech's rifle team just can't be beaten. It is now thirteen wins in a row without a single entry on the defeat side of the ledger.

QUADRANGLE

(Continued from Page 1)

ton, the geometric center of the White Mountains, is only fifteen miles distant over a well plowed concrete road.

Although it is highly desirable for everyone to bring his own equipment, all that will be absolutely essential is warm clothes and suitable footwear. Skis, snowshoes, and toboggans may be rented at a moderate charge.

STOCKMAYER

(Continued from Page 1)

a former Sports Editor of THE TECH. He was Chief Marshal of Field Day this year.

He is a member of Alpha Chi Sigma, honorary chemical society, having been elected in his sophomore year. In his junior year, he was president of the Class of '35 as well as chairman of the Junior Prom Committee.

He is an active member of Baton,

Dorclan, Gridiron, and the Combined Musical Clubs, and a member-at-large of the Dormitory Committee. Having an intense interest in music, he is an accomplished pianist, and was featured in a recent concert of the Musical Clubs. During his first three years at Technology, he was a member of the Glee Club and Orchestra.

In the field of sports, Stockmayer has played basketball with the All-Dormitory team, football for his class on Field Day, and baseball in inter-class meets.

The decision yesterday was made after many hours of deliberation by the committee. Twelve candidates, two from each of the New England States, were interviewed and questioned.

PICCARD

(Continued from Page 1)

there isn't much work to be done in the stratosphere," he exclaimed.

According to Piccard, there are numerous theoretical questions puzzling scientists which can only be an-

BEST DRESSERS AMONG COLLEGE MEN CHOOSE KOVER-ZIP CLOSURE

It is widely recognized among college men that though the uncovered zipper is an improvement as a fly closure over the wrinkled buttoned fly, and gives a smooth flat effect to trousers, it does not belong on fine clothes because of its display of flashy metal. The nation-wide preference for Kover-Zip, the invisible seamline closure, is due to the style appeal of this modern fastener, in which the metal elements are completely concealed. "Best-dressed" seniors at leading colleges realize, as the following comments indicate, that Kover-Zip is the one fastener which meets the requirements of good taste:

Rich Ross

Illinois, 1934

"The new covered zipper fly is a big improvement over buttons. And as no metal shows it corrects the raw effect of the ordinary zipper. The covered zip is inconspicuous as a seam."



Davis N. Lott

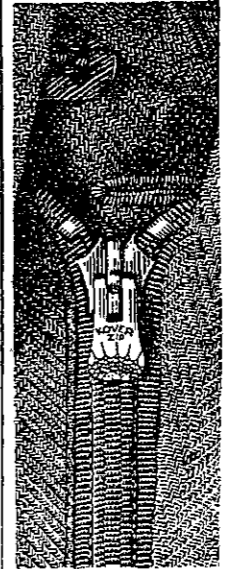
Northwestern, 1935

"Kover-Zip fasteners have been enthusiastically received by the best-dressed men on the Northwestern campus—Kover-Zip is certainly the answer to a long-felt need in men's apparel."

John Eggers

California, 1935

"I've never seen a fly-fastening device of any kind that compares with Kover-Zip. For trousers of all types, from dress clothes to sports wear, it is in good taste."



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swered by sufficient data. Many cosmic ray recorders have been sent throughout the world. One has been lowered into the ocean and several placed on top of high mountains.

Ten mile balloon flights are the only approximation of conditions in space that man can realize. Although government authorities objected to Piccard's flight on the ground that he was not a licensed balloonist, the success of ascent promises even greater altitudes in the future.

SWIMMING

(Continued from Page 1)

440-yards free style—Won by Henry Finlayson (T); second, John Morosini (BU); third, Jack Hamilton (T). Time—6m. 22 1-5s.
50-yard free style—Won by Henry Heywood (T); second, Robert Granberg (T); third, Norman Sipple (BU). Time—27 2-5s.
150-yard back stroke—Won by Richard Steele (BU); second, Steve Goodell (BU); third, William Hope (T). Time—1m. 54 2-5s.
220-yard breast stroke—Won by Mortimer Silverman (BU); second, Bernard Vonnegut (T); third, Jack Wallace, Jr. (BU). Time—2m. 47 1-5s.
100-yards free style—Won by Robert Granberg (T); second, Cleon Dodge (T); third, Norman Sipple (BU). Time—1m. 4s.
400-yard relay won by Tech (James Paterson, Robert Granberg, Henry Heywood, Cleon Dodge); second (BU) (Peter Rusitto, John Morosini, Isadore Silverman and Mortimer Silverman). Time—4m. 7s.

REVIEW

(Continued from Page 2)

us quote you from the Review's description of it.

"Suggestion for bolstering a tottering self-respect at 278 degrees F., and —132 degrees F."

"Can six days of quarantine be reconciled with one day of air travel?" "The autogiro comes back. With its wings clipped. A note on a curious career."

"Why locomotives are feminine and some colorful jargon."

"Did a miner originate the alphabet?"

R. D. M., Jr.

A psychology study at Purdue University attributes the causes of student worry to: finances 30 per cent, family affairs fifteen per cent, grades forty-two per cent, love affairs nine per cent, and religion four per cent.

—The Carnegie Tartan

CALENDAR

Tuesday, January 8

- 12:30—Department of Geology Luncheon, North Hall, Walker Memorial.
12:30—Electrical Engineering Department Luncheon, Silver Room, Walker Memorial.
5:30—Alpha Phi Delta Business Meeting, West Lounge, Walker Memorial.
6:00—Dormitory Round Table Dinner, North Hall, Walker Memorial.
6:30—Society of Automotive Engineers Dinner, Grill Room, Walker Memorial.

Wednesday, January 9

- 4:00—Technology Matrons Tea, North Hall, Walker Memorial.
5:00—Pi Tau Pi Sigma Business Meeting, East Lounge, Walker Memorial.
5:00—Quadrangle Club Meeting on Winter Trip, West Lounge, Walker Memorial.
5:00—Christian Science Organization Meeting, Room 10-200.
6:00—Graduate House Dinner, North Hall, Walker Memorial.
7:00—Dormitory Basketball, Walker and Hangar Gymnasiums.

Thursday, January 10

- 3:00—Theoretical Seminar, "Electrical Conductivity of Metals" by Prof. N. H. Frank, Eastman Lecture Hall.
4:30—Physical Colloquium, "Theory of the Photoelastic Effect" by Prof. H. Mueller, "High Temperature Solar Furnaces" by Dr. C. C. Steffens, Eastman Lecture Hall.
5:00—Glee Club Rehearsal, Room 10-250.
6:30—Orchestra Rehearsal, Room 10-250.
6:30—Alpha Chi Sigma Dinner, Faculty Room, Walker Memorial.
7:00—Dormitory Basketball, Hangar and Walker Gymnasiums.

DORM DINNER DANCE

(Continued from Page 1)

mid-year examinations. These reservations will require a deposit of \$2.00, the remaining \$2.00 to be paid at the

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dance. Tables for parties of eight or ten may be secured by early reservation. Outsiders may secure tickets after the dormitory men have made their reservations.

Open house in the dormitories will be held before and during the dance.

Expenses above those covered by the admission price are met by the Dormitory Committee, utilizing the profits made from previous Dormitory dances. In this way, the Dormitories are able to present an affair which is one of the social high-lights of the year. Since its inauguration, it has steadily grown in importance until it now rivals the Junior Prom.

OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication nor does it necessarily endorse the opinions expressed. Only signed communications will be considered. However, if the writer so desires, only the initials will appear on publication.

To the Editor of THE TECH:

With the coming of winter and winter sports, there comes the sport of down-hill skiing and ski-racing. Possibly because Technology is situated in rather flat country this sport has never gained enough headway to become one of our winter activities. To the man who has partaken in the thrill of skiing and to those who would like to learn, why should all of our interests be completely dropped while here at school when the advantage of a lot of fun and experience should be very great?

The answer is that it need not be. An organization can be formed, say call it the "Technology Ski-Runners' Club", with the definite purpose of instruction to the uneducated — which includes most of us — so that we could send teams to various races and provide a regular opportunity and place for those interested to ski regularly.

It doesn't make a great deal of difference as to what your degree of skill happens to be. Early in skiing you will find the thrill, and with that thrill you become an enthusiast for life. There can be opportunities for groups of students to go on skiing trips for we have the plans to go. A secondary purpose of the club would be to keep the cost of trips at a minimum. En-

thusiasm for skiing has increased tremendously in the last three or four years and I believe that it is now possible to have a skiing organization at M. I. T. that would be worthwhile. All that is now needed is organization, and for that purpose this letter is written. I would like to hear from any who are interested so that we could get together and "start the ball rolling."

R. S. French, '38

SECOND SALES DRIVE HELD BY TECHNIQUE

Offering three different means for purchasing this year's issue, *Technique* will hold its second sales drive in the Main Lobby from nine to four o'clock on Thursday and Friday.

This issue of *Technique* will be the fiftieth consecutive issue of the year book. Other notable features will be the arrangement of the senior features and statistics, and the fact that separate sections of the book will be devoted to fraternities, dormitories, summer camps, and professions. More informal pictures for these sections are needed. Snapshots may be placed in the *Technique* box at the Information Office.

The book may be purchased at this time for four dollars by paying cash, by paying two dollars down and two dollars later, or by signing a bursar's pledge for the whole amount and paying in the spring.

SCHOLARSHIPS

(Continued from Page 1)

Others in New England who won the coveted awards are: Carl Pfaffmann, Brown University; Richard B. Baker, Yale; and William Sachse, Yale.

These were chosen from the six states of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

THE LOUNGER

(Continued from Page 2)

snicker. The class began to whisper and smile. Bunny sat down. He pushed out his stomach. He did not feel his belt. His backbone turned to ice and the back of his ears began to sizzle. He knew at once that he had left his pants in his office. He also remembered that he was wearing purple-striped B. V. D's.

It was too much for him. Bunny could not take it. He went batty. He grabbed the co-ed. "Hah, you will laugh at me will you, you co-ed you," he hissed. He kissed her. When he came to a couple of hours later he was still out of his head and did not recover. The class is still wondering why Bunny went crazy because they laughed at the mud on his pants and his absent-mindedness in forgetting his belt.

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